# ABSTRACT

A depth in a z axis direction is set for each figure drawn on a xy plane in an image that includes figures, so that each figure exists in each layer that has been set for each depth in the z axis direction, and thereby, stereoscopic contents are prepared in a contents preparation apparatus.   An image is stereoscopically displayed on the basis of the depth that has been set, and thereby, the stereoscopic contents can be displayed in a contents reproduction apparatus.   In addition, only figures that exist in a selected layer are displayed, and thereby, the depth of stereoscopic contents can be easily confirmed, even in a two-dimensional display in a contents editing apparatus.